

**Proposition 84
Implementation
Grant Program, Round 2**

Applicant Workshop


February 12, 2013 – Alhambra
February 14, 2013 – Sacramento



Agenda

- Welcome/Introductions
- PSP Overview
 - Eligibility Requirements
 - Proposal Evaluation
 - BMS/GraNTS
- Question and Answer

PSP Overview



Refer to both during preparation of application

Available Funding

- Round 2 - \$131M
 - Funding Match – 25% of total proposal cost
 - Approximately \$16M must be awarded to projects that help meet a critical water supply or water quality need of DACs
- Maximum award dependent on IRWM Funding Area (FA) and competition
 - See Table 2 (page 9) in PSP for anticipated FA allocations

Eligibility Requirements

Who May Apply

- Local public agency, or
- Non-profit organization – 501(c)(3)
- One proposal per IRWM Region
- Adopted IRWM Plan
 - Before September 30, 2008
 - Agree to update plan within 2 years of execution date
 - Undertake reasonable and feasible efforts to account for water-related needs of DACs within the IRWM region
 - On or after September 30, 2008
 - Plan meets Proposition 84 Plan Standards
 - Plan must be submitted for completeness review

Eligible Project Types

- Projects must yield multiple benefits and include one of the benefit types listed in Section III.C. of the Guidelines (page 16)
 - Section II.C. of the PSP (page 8) provides additional detail
- Projects must be part of an adopted IRWM Plan
- All Project Proponents must adopt IRWM Plan

Table 1 – Overview of Selected IRWM Plan Standards

- All applicants must complete Table 1
- Responses must not exceed six pages
- Demonstrates progress towards adopting an IRWM Plan that meets the IRWM Plan Standards in Appendix C of the 2012 Guidelines

Adopted Plan and Proof of Formal Adoption (Attach 2)

- Must submit proof of formal adoption (i.e., a signature page with dates of signature)
- This includes proof that newly listed projects have been vetted through the IRWM process
- All Project Proponents must adopt IRWM Plan
 - Must be prior to award date

Consent Form (Attach 12)

- Only necessary if the proposal is utilizing an IRWM Plan that was adopted before September 30, 2008
- Sign and submit a hard copy
- Signing a consent form, the IRWM Group acknowledges:
 - Binding agreement with DWR
 - Failure to update the plan within two years of agreement execution may result in revoking grant funding

Authorization and Eligibility Requirements (Attachment 1)

- Authorization
 - Applicant must provide a resolution (PSP page 17)
 - If unable to supply at time of application, then include expected submittal date
- Eligibility
 - Local agencies or non-profit organizations
 - Project(s) must be consistent with IRWM
 - Provide Proof
 - Project(s) part of Adopted Plan or
 - Projects vetted through IRWM process

Disadvantaged Community Assistance (Attach 10)

- Only required if proposal includes a project which addresses critical water supply or quality need of a DAC
- Expanded Funding Match Waiver Eligibility for DACs
 - Available for projects that provide any benefit to DAC

GWMP, AB 1420 and Water Meter Compliance (Attach 11)

- Proponents with projects that affect groundwater levels or quality must submit GWMP Self Certification Form:
 - <http://www.water.ca.gov/irwm/grants/resourceslinks.cfm>
- Proponents that are urban water supplier must submit AB 1420 and Water Meter Compliance Self Certification Forms:
 - <http://www.water.ca.gov/irwm/grants/resourceslinks.cfm>
 - <http://www.water.ca.gov/wateruseefficiency/finance/>
- Submit only one hard copy, wet signed per proponent

IRWM Plan – Reduce Delta Water Dependence (Attach 13)

- For IRWM Regions receiving water from the Sac-SJ Delta, provide summary text to:
 - Identify & include portions of the IRWM Plan that demonstrate reduced dependence on Sac-SJ Delta water supply
 - Provide assurances that revisions to the plan will continue to help reduce dependence on the Sac-SJ Delta water supply.
- Summary must be no more than five pages

Proposal Evaluation

Attachments

Attachment #	Attachment Name	Points Available
3	Work Plan	15
4	Budget	5
5	Schedule	5
6	Monitoring, Assessment, and Performance Measures	5
7	Technical Justification of Projects	10
8	Benefits and Cost Analysis	30
9	Program Preferences	10
Maximum available points w/o tiebreaker (see PSP Table 5, page 26)		80

Work Plan (Attach 3)

- Introduction – goals and objectives
- Proposed work – Detailed tasks explaining each step in the process (including permitting, CEQA)
- Tasks must be consistent with Attachments 4 (Budget) and 5 (Schedule)
- Maps and figures
- See Exhibit A (pages 31- 34) for detailed guidance

Budget (Attach 4)

- Consistent with Work Plan & Schedule
- Support anticipated costs with documentation
 - Bids, receipts, personnel classification and hourly rate
- Assume October 1, 2013 as the grant award date
- See Exhibit B (pages 35-39) for detailed guidance
- See 2012 Guidelines (page 33) for guidance on eligible costs

Schedule (Attach 5)

- Schedule by task
- Be consistent with Work Plan and Budget
- Include realistic timelines for permitting, CEQA
- See PSP page 20 for guidance

Monitoring Assess & Perform Measures (Attach 6)

- Project goals
- Desired outcomes
- Targets
 - Measurable
 - Feasible
 - Meet during life of project(s)
- Performance indicators
- Measurement tools and methods
- See PSP page 21 for guidance

Technical Justification of Projects (Attach 7)

- Describe Project Benefits
 - Provide a summary of Physical Benefits
 - PSP pages 40-41
 - Where appropriate, Annual Physical Benefits
 - PSP pages 41-42
- Provide Technical Justification
 - Technical basis for the project
 - Capability of yielding physical benefits claimed
 - Other supporting documentation

Attach 7 – Table 9

Table 9 – Annual Project Physical Benefits			
Project Name: _____			
Type of Benefit Claimed: _____			
Measure of Benefit Claimed (Name or Units): _____			
Additional Information About this Measure: _____			
(a)	(b)	(c)	(d)
Year	Without Project	Physical Benefits With Project	Change Resulting from Project (d) – (c)
2012			
2013			
2014			
Etc.			
Last Year of Project Life			
Comments: _____			

Tech Justification of Projects

- Evaluation based on the following:
 - Technical analysis
 - Alternative analysis
 - State of project development
 - Supporting documentation
 - Feasibility studies, modeling results, survey results
- Physical benefits must be consistent with Benefits and Costs Analysis (Attachment 8)

Program Preferences (Attach 9)

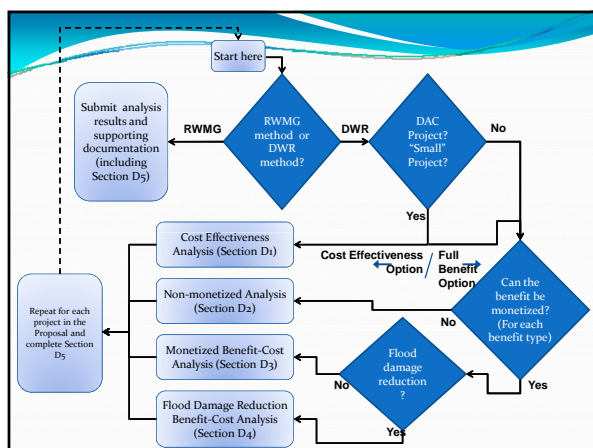
- How proposal assists in meeting Program Preferences and Statewide Priorities (2012 Guidelines Page 12-13)
- Claimed program preferences clearly result of implementing project
- Document the breadth and magnitude
- Program Preference and Funding Target require demonstration that a project meets a critical water supply or water quality need of a DAC
 - Examples of projects provided in Table 9 of 2012 Guidelines

Benefits and Cost Analysis (Attach 8)

- General principles
 - Evaluate with and without Project
 - Use consistent assumptions for all projects
 - Physical benefits need to be consistent with those identified in Attachment 7
 - Be consistent with historical record
 - Include all costs, not just grant funded portion

Benefits and Cost Analysis

- General principles cont.
 - Analysis Period (planning horizon) must equal construction period plus project life
 - Use 6 percent to discount future real costs, benefits
 - Show all costs and benefits in year 2012 dollars
 - Real costs or benefits can trend over time if documented
 - Don't double count



Section D1 – Cost Effectiveness

- Available for:
 - Small, non-DAC projects with Total Project Cost (TPC) less than \$300k
 - DAC projects with TPC up to \$1M
- Evaluates whether the physical benefits are being provided at the least possible cost
- Table 11 – Statement of Cost-Effectiveness
 - PSP, page 45
- Applicants may not split a single project into multiple smaller components or phases to be eligible for D1

Section D2 – Non-Monetized

- Table 12 – Non-Monetized Benefits Checklist
- Community/Social
 - Education, technology, recreation, conflict resolution, health and safety
- Environmental Stewardship
 - Those not quantified in Attachment 7 or D3
- Sustainability
 - Reduce unsustainable use, permanence, reduced uncertainty

Section D2 cont.

- Don't double-count with benefits reported in D3 or D4
- Compare to without-project future
- Don't operate project in different ways at the same time to obtain multiple benefits
- Transfers to a local area from other Californians are not State benefits
- Documentation using historical documents is best

Section D3 – Monetized

- Benefits principles:
 - Monetary benefits are willingness-to-pay less all associated costs, but not project costs
 - For most goods, willingness-to-pay is price
 - Cost savings are generally benefits unless the cost savings are transfers among Californians
 - Net revenues and avoided damages are generally benefits
 - Do not include employment and income changes as economic benefits in Section D3

Section D3 - Ways to Estimate Water Supply Benefits

- Reduced or avoided cost of an existing supply (Table 15, page 51)
- Increased net revenue from water sales allowed if any changes in sales elsewhere in California are assessed (Table 15)
- Value of reduced shortage cost if other supplies are not available without the project (Table 15)
- Avoided cost of alternative project (Table 16)

Other Common Section D3 Benefits

- Reduced non-point source pollution from stormwater
- Reduced erosion
- Stream habitat benefits from reduced sediment/chemical load
- Habitat and recreation benefits associated with land use

Other Common Section D3 Benefits cont.

- Avoided cost of another project or action that provides similar benefit
- Water treatment or wastewater treatment cost savings
- Reduced sediment management costs
- Revealed willingness to pay
- Salinity reduction benefits

Section D4 – Flood Damage Reduction (FDR)

- Flood damage reduction based on existing and planned development.
- Do not claim flood damage reduction for future land development in floodplain enabled by the project.
- Must include valid hydrologic design parameters
- Include the full range of events in which the project provides benefits

Section D4 cont.

- Avoided Costs
 - Replacement (buildings, contents, and infrastructure)
 - Emergency response
 - Loss of use
 - Clean-up
 - Land restoration
- Expected annual damage (EAD) reflects:
 - Dollar damage for possible events
 - Probability of the events
 - Probability of structural failure (if applicable)

Section D4: Example EAD Calculation

EAD is NOT the sum of the exceedance Prs times the event damages.

EAD is the sum of the interval Prs times the average damage in each interval summed over the intervals

Exceedance Probability	Event Damages		Reduction in Event Damages
	Without Project	With Project	
10.0%	\$100,000	\$0	\$100,000
6.7%	\$300,000	\$0	\$300,000
5.0%	\$600,000	\$0	\$600,000
4.0%	\$800,000	\$800,000	\$0

$$EAD(\$000) = (0.1 - 0.067) * (300 + 100) / 2 + (.067 - .05) * (600 + 300) / 2 + (.05 - .04) * (0 + 600) / 2$$

Interval probabilities

Average change in damages over interval

Section D5 – Project Benefits and Cost Summary

- Table 19 must be completed for each project
- Table 19 provides all economic costs
- Table 20 – Proposal Benefits and Costs Summary
 - Provides a summary of the entire proposal including net present value of costs and quantified benefits

Section D5: Table 19

- Cost to be included
 - All capital, O&M, and future replacement
 - All associated costs (needed to achieve benefits)
 - Include current market value (opportunity cost) of any resources (land, volunteer labor) committed to the project, even if they were purchased in the past
- If there is no current market value (sunk cost) do not include it

Attachment 8 Scoring Criteria

- Maximum score 30 points
- Based on the magnitude of all benefits relative to all costs, and quality of analysis.
- Magnitude includes both monetized and non-monetized benefits
- Are the costs and benefits claimed supported with clear and complete documentation?

Attach 8 Scoring Criteria cont.

- Is the benefit analysis appropriate considering the size of the project and the type of benefit claimed?
- Points may be reduced if the benefits described could readily be quantified in dollar terms and the applicant did not monetize the benefits.

BMS/GRanTS

BMS/GRanTS
Bond Management System (BMS)/Grants Review and Tracking System (GRanTS)

LINKS
Sign In
For more information regarding BMS/GRanTS, please call (888) 907-4267 or email GRanTSAdmin@water.ca.gov

What is BMS/GRanTS? BMS/GRanTS Vision Getting Started **Help**

DWR staff can visit the Project Services Office website at <https://psos.waters.ca.gov/> for training guide information.

BMS Public User Guide provides step-by-step instructions for using BMS/GRanTS. Answers to common questions can be found in the **Frequently Asked Questions** videos for additional help. NOTE: These are updated to match the recent changes in the system.

View the **Registration and Completing a Grant Application** videos for additional help. NOTE: These are updated to match the recent changes in the system.

Still need help? Contact a BMS/GRanTS Administrator with your questions at (888) 907-4267 or GRanTSAdmin@water.ca.gov

Login BMS

Help Desk Contact Info

BMS website: www.water.ca.gov/bms (use Internet Explorer)
Note: BMS changing its name to Grant Review and Tracking System (GranTS)

BMS/GRanTS

- Login BMS- Click on New Solicitations link
- Select "Prop 84 Round 2 Implementation PSP" from the PSPs list
- Prop 84 Application includes four Tabs:
 - Application Information
 - Projects
 - Applicant Information Question
 - Application Attachments
- All Tabs must be completed, saved and submitted

BMS/GRanTS
Department of Water Resources
Bond Management System

Home | **PSPs** | **Projects** | **Contracts** | **Organization Admin**

Links | **My Profile**

Applicant Info | **Projects** | **Applicant Information Question Tab** | **Application Attachments Tab**

Applicant Information

APPLICANT INFORMATION

Organization Name: Please Select

Tax ID:

Point Of Contact: Existing Registered User?

Proposal Name:

Proposal Objective:

BUDGET

Other Contribution:

Internal Contribution:

Note: PSP pages 12-17 (Table 4 – Grant Applicant Checklist)

BMS/GRanTS – Saving Proposal

Q23. ELIGIBILITY
List the groundwater users that will receive funding from the proposed grant. Please provide the agency/org address. If there are none, please indicate so.
Maximum Character Limit: 4000

T-655

Q24. ELIGIBILITY
Have all of the groundwater users, listed in Q23 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/grantswater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users identified in Q23 above.
Maximum Character Limit: 4000

T-655

First "Save" and then "Submit"

Save Back Submit

For information regarding this form please call (800) 967-4267 or email grants@water.ca.gov

BMS/GRanTS – Saving Proposal

47

Note:
If you do not see this message, your proposal has not been saved in BMS.
Call BMS help desk if you don't see this message.

BMS/GRanTS

Full View/Print Application

Application Info Projects Application Information Question List Application Maintenance List

Applicant Information

APPLICANT INFORMATION

Organization Name: BMS Training Organization
Tax ID: 951475888
Phone (714) Contact: 714 714-7144

Print or Contact?

Full View of Application

Full View

BMS/GRanTS – Printing Application

Proposal Full View

Applicant Information

Organization Name: BMS Training Organization, Inc.
 Tax ID: 931478559
 Proposal Name: Training PLE Program
 Proposal Objective: test

Budget

Other Contribution	\$0.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
In-kind Contribution	\$0.00
Amount Requested	\$0.00
Total Project Cost	\$0.00

Geographic Information

Latitude: DD(°)(') MM(") SS(")
 Longitude: DD(°)(') MM(") SS(")
 Longitude/Latitude Classification: DD(°)(') MM(") SS(")
 County: Alameda
 Ground Water Basin: Alameda Area-Warm Springs Valley
 Hydrologic Region: Colorado River
 Watershed: Colorado River

Legislative Information

BMS/GRanTS

Application Information Tab

- General information
- Applies to applicant and overall proposal
- Overall Proposal budget
 - Total grant amount requested, funding match, in-kind contribution, etc.
- Geographic Information
- Legislative Information

BMS/GRanTS – Applicant Info

BMS/GRanTS – Applicant Info

Department of Water Resources
 Bond Management System

Home | PDP | Projects | **Contributors** | Organization Admin

Applicant Info | Projects | Applicant Information Question Tab | Application Attachments Tab

Applicant Information

Organization Name: BMS Training Organization, Inc.
 Tax ID: 931478559
 Print Of Contact: [Redacted]
 Proposal Name: Training PLE Program
 Proposal Objective: test

BUDGET

Other Contribution: \$0.00
 Local Contribution: \$0.00
 Federal Contribution: \$0.00
 In-kind Contribution: \$0.00
 Amount Requested: \$0.00
 Total Project Cost: \$0.00

Select: "Existing Registered Users"

Do Not Select: "Add New Users"

BMS/GRanTS – Applicant Info

Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

Applicant Information "Existing Registered User" Selected

APPLICANT INFORMATION

Organization Name BMS Training Organization
Tax ID 66147568

Work of Contact * Existing Registered Users Add New User
Anytime Variable

Division/Address List

Address1 101 P Street Address2
City Sacramento State
Zip 95814

First Name Anytime Last Name
Title Phone (Direct)
Email anytime@bms.net

Proposal Name Testing PTE Proposal in BMS

* See PSP Page 12 on Point of Contact.
* Please Contact BMS Help Desk with any questions.

BMS/GRanTS – Projects Tab

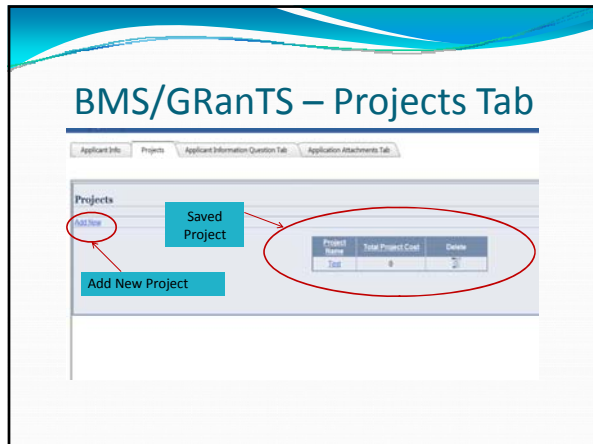
- Detailed information about the project(s) contained in the Proposal
 - project name, project objectives, project budget, etc
- Each Project in the Proposal should be detailed on a separate Project
- You may generate as many Projects as are necessary
 - PSP Pages 13-14

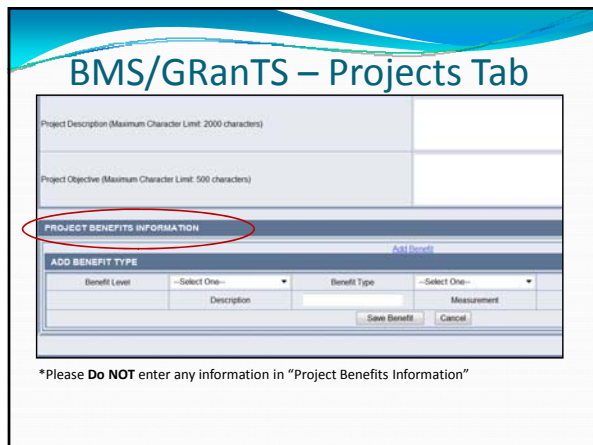
BMS/GRanTS – Projects Tab

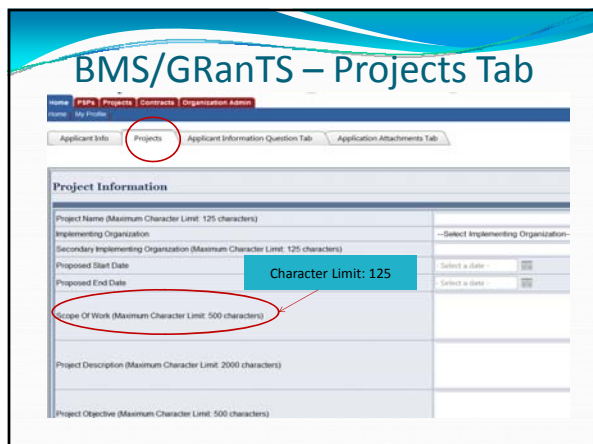
Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

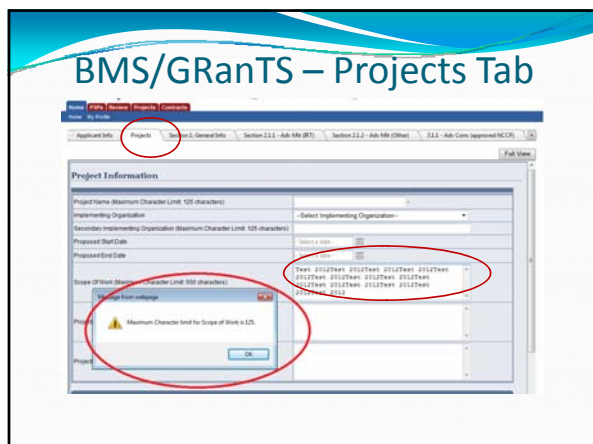
Projects Add Project

No Records Found







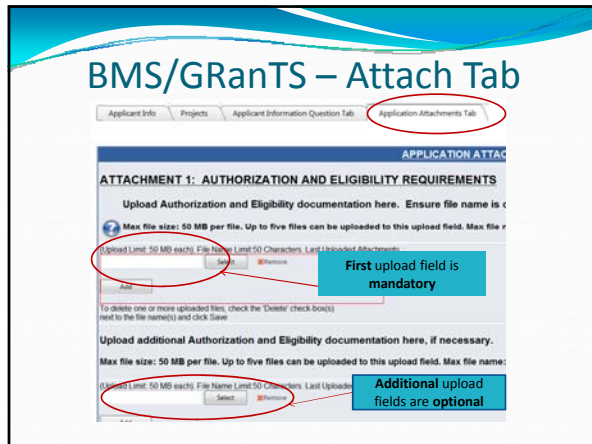


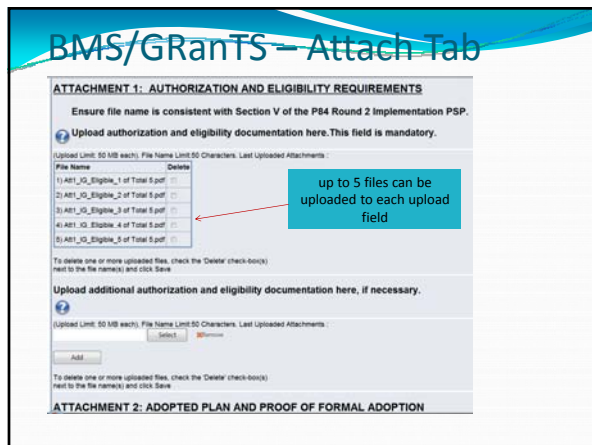
BMS/GRanTS – Applicant Information and Questions Tab

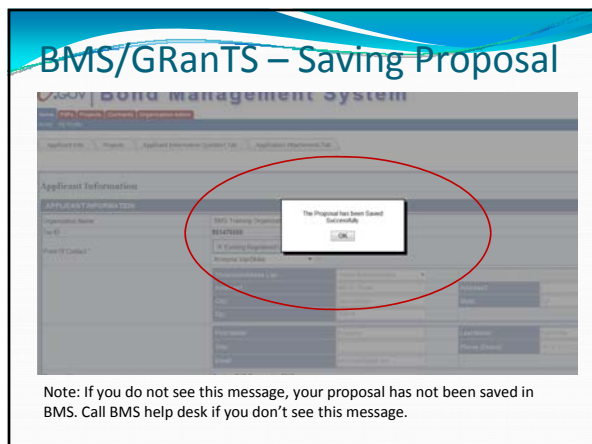
- Used in processing the application and determining eligibility
- All 24 questions must be answered
 - Note: Answer “NA” if a question does not apply to your proposal
- Note the character limit for each question

BMS/GRanTS – Application Attachments Tab

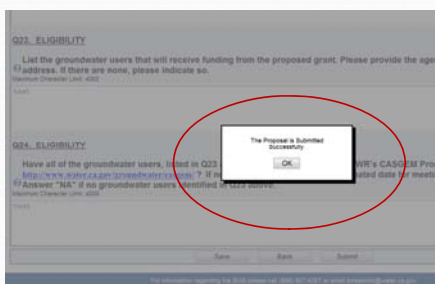
- 13 attachments
 - all attachments are mandatory(see PSP pages 16 – 24)
- Document name:
 - use the naming convention found in Section V of the PSP
- MS Word, MS Excel, MS Project, or PDF
- Upload limit: 50 MB for each file
 - limit each file size to 20 MB for speed of upload







BMS/GRanTS - Submitting Proposal



Note: If you do not see this message, your proposal has not been saved in BMS. Call BMS help desk if you don't see this message.

BMS/GRanTS – Assistance

- Contact BMS/GRanTS administration:
- phone: (888) 907-4267
- e-mail : grantsadmin@water.ca.gov

Solicitation Schedule

- November 29, 2012 – Final 2012 Guidelines and Round 2 PSP released
- January 17, 2013 – BMS/GRanTS application available
- February 12 and 14, 2013 - Applicant Workshops
- March 29, 2013 – 5:00 p.m. - Applications Due
- August 2013 (tentative) – Draft funding recommendations/public comment period
- October 2013 (tentative) – Final Awards announced

Submittal

- Electronically - DWR's Bond Management System (BMS)/GRanTS:
<http://www.water.ca.gov/irwm/grants/bms.cfm>
- Four (4) hard copies
- Electronic and four hard copies received by DWR before 5 p.m., March 29, 2013

Contacts

- Keith Wallace: (916) 651-9624
- Email questions to: DWR_IRWM@water.ca.gov
- Prop 84 Implementation Grant Program Website:
<http://www.water.ca.gov/irwm/grants/implementation.cfm>

Questions & Answers

Applications must be received by DWR before 5 p.m.,
March 29, 2013
